

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 Ellis Street . . . San Francisco, CA 94109. . . (415) 749-4990 . . . Fax (415) 749-5030

WEBSITE: WWW.BAAQMD.GOV

Form SCLOX**SOLVENT COLD CLEANER LOSS OF EXEMPTION PERMIT APPLICATION FORM**

This form is to be used only for solvent cold cleaners (degreasers) that were in operation and exempt from BAAQMD permit requirements prior to September 1, 1999. For any unit that does not meet these criteria, an applicant must submit a P-101B application form and Data Form SC.

Application Information

Application No. (assigned by District)	Plant No. (leave blank if unknown)
Business Name	

New Plant Information

If you have not previously been assigned a Plant Number by the District or if you want to update any Plant data that you have previously supplied to the District, please complete the New Plant Information box below.

Plant Address (equipment location)		
City	State	Zip
Mailing Address		
City	State	Zip
Plant Contact		
Title		
Telephone	FAX	
Email Address		

Application Contact Information *(if different from plant contact)*

All correspondence regarding this application will be sent to the above plant contact person unless you wish to designate a different contact for this application.

Application Contact		
Title/Company		
Mailing Address		
City	State	Zip
Telephone	Fax	
Email Address		

FEES: Please include a "Loss of Exemption" Permit to Operate Fee of \$100.00 for each solvent cold cleaner that was in operation and exempt prior to September 1, 1999.

Any solvent cold cleaner installed on or after September 1, 1999 is a new source, and is subject to all applicable fees in Regulation 3, including: filing fee, initial fee, late fee, toxic surcharge, permit to operate fee, and retroactive permit fee.

IMPORTANT: Under the California Public Records Act, all information in your permit application will be considered a matter of public record and may be disclosed to a third party. If you wish to keep certain items separate as specified in Regulation 2, Rule 1, Section 202.7, please complete the following steps:

- Make a copy of any page containing confidential information with the confidential information blanked out. Label this page "Public Copy."
- Label the original page "Confidential." Circle all confidential items on the page.
- Prepare a written justification for the confidentiality of each confidential item. Append this to the confidential copy.

Signature:	Date:
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COMPLETE THE EQUIPMENT INFORMATION ON THE REVERSE SIDE OF FORM

Source Information (complete one table for each cold cleaner)

S- (Source #)	Description:		(Date Installed)	
Make		Model #		Solvent Capacity gallons
Operating time: hour/day		day/week		week/year
Solvent evaporation emissions at this source vent directly to (check one):				
<input type="checkbox"/> Room atmosphere <input type="checkbox"/> Abatement device <input type="checkbox"/> Exhaust stack				
Solvent Usage Information —list all solvents used at this source and the <u>maximum</u> amount of each (Attach MSDS for each)				
Solvent Trade Name		Material Code (District use)	Net Usage (gal/year)	Density (lb/gal)
1.				
2.				
3.				
Solvent Container Specifications: Does this source have a remote solvent reservoir? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: _____	
		Yes No	Yes No	
Is there a container for solvent and articles being cleaned?		<input type="checkbox"/> <input type="checkbox"/>	Is the cover closed when source is not in use? <input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?		<input type="checkbox"/> <input type="checkbox"/>	Are parts drained such that solvent is returned to solvent container? <input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?		<input type="checkbox"/> <input type="checkbox"/>	Is a refrigerated chiller used? <input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?		<input type="checkbox"/> <input type="checkbox"/>	Is air agitation used? <input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?		<input type="checkbox"/> <input type="checkbox"/>	Is a water cover used? <input type="checkbox"/> <input type="checkbox"/>	

S- (Source #)	Description:		(Date Installed)	
Make		Model #		Solvent Capacity gallons
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Solvent Container Specifications: Does this source have a remote solvent reservoir? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: _____	
		Yes No	Yes No	
Is there a container for solvent and articles being cleaned?		<input type="checkbox"/> <input type="checkbox"/>	Is the cover closed when source is not in use? <input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?		<input type="checkbox"/> <input type="checkbox"/>	Are parts drained such that solvent is returned to solvent container? <input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?		<input type="checkbox"/> <input type="checkbox"/>	Is a refrigerated chiller used? <input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?		<input type="checkbox"/> <input type="checkbox"/>	Is air agitation used? <input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?		<input type="checkbox"/> <input type="checkbox"/>	Is a water cover used? <input type="checkbox"/> <input type="checkbox"/>	

FOR MORE SOURCES, COMPLETE THE SOLVENT COLD CLEANER SUPPLEMENTAL FORM

**SOLVENT COLD CLEANER
SUPPLEMENTAL EQUIPMENT FORM**

This form is to be used only as a *supplement* to the *Solvent Cold Cleaner Loss of Exemption Permit Application Form*.
Source Information (complete one table for each cold cleaner)

S- (Source #)	Description:			
Make		Model #	Solvent Capacity gallons	
Operating time: hour/day		day/week	week/year	
Solvent evaporation emissions at this source vent directly to (check one):				
<input type="checkbox"/> Room atmosphere <input type="checkbox"/> Abatement device <input type="checkbox"/> Exhaust stack				
<i>Solvent Usage Information—list all solvents used at this source and the <u>maximum</u> amount of each (Attach MSDS for each)</i>				
Solvent Trade Name			<i>Material Code (District use)</i>	<i>Net Usage (gal/year)</i>
1.				
2.				
3.				
<i>Solvent Container Specifications:</i> Does this source have a remote solvent reservoir? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: _____	
Yes No			Yes No	
Is there a container for solvent and articles being cleaned?			Is the cover closed when source is not in use?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?			Are parts drained such that solvent is returned to solvent container?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?			Is a refrigerated chiller used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?			Is air agitation used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?			Is a water cover used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	

S- (Source #)	Description:			
Make		Model #	Solvent Capacity gallons	
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Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: _____	
Yes No			Yes No	
Is there a container for solvent and articles being cleaned?			Is the cover closed when source is not in use?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?			Are parts drained such that solvent is returned to solvent container?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?			Is a refrigerated chiller used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?			Is air agitation used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?			Is a water cover used?	
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/>	

Source Information (complete one table for each cold cleaner)

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Solvent Container Specifications: Does this source have a remote solvent reservoir? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: ____	
		Yes No	Yes No	
Is there a container for solvent and articles being cleaned?		<input type="checkbox"/> <input type="checkbox"/>	Is the cover closed when source is not in use? <input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?		<input type="checkbox"/> <input type="checkbox"/>	Are parts drained such that solvent is returned to solvent container? <input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?		<input type="checkbox"/> <input type="checkbox"/>	Is a refrigerated chiller used? <input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?		<input type="checkbox"/> <input type="checkbox"/>	Is air agitation used? <input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?		<input type="checkbox"/> <input type="checkbox"/>	Is a water cover used? <input type="checkbox"/> <input type="checkbox"/>	

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Solvent Trade Name		Material Code (District use)	Net Usage (gal/year)	Density (lb/gal)
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Solvent Container Specifications: Does this source have a remote solvent reservoir? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Length: ____ inches	Width: ____ inches	Freeboard height: ____ inches	Freeboard Ratio: ____	
		Yes No	Yes No	
Is there a container for solvent and articles being cleaned?		<input type="checkbox"/> <input type="checkbox"/>	Is the cover closed when source is not in use? <input type="checkbox"/> <input type="checkbox"/>	
Does cold cleaner have a label summarizing District operating requirements?		<input type="checkbox"/> <input type="checkbox"/>	Are parts drained such that solvent is returned to solvent container? <input type="checkbox"/> <input type="checkbox"/>	
Is a solvent spray used?		<input type="checkbox"/> <input type="checkbox"/>	Is a refrigerated chiller used? <input type="checkbox"/> <input type="checkbox"/>	
If so, is spray atomized or shower type?		<input type="checkbox"/> <input type="checkbox"/>	Is air agitation used? <input type="checkbox"/> <input type="checkbox"/>	
Does the container have a cover?		<input type="checkbox"/> <input type="checkbox"/>	Is a water cover used? <input type="checkbox"/> <input type="checkbox"/>	

Loss of Permit Exemption for Solvent Cold Cleaners Due to Changes to Regulation 8, Rule 16

Background: On September 16, 1998, the District amended Regulation 8, Rule 16, Solvent Cleaning Operations. Section 8-16-303.5 was added to impose a 50 gram/liter (g/l) volatile organic compound (VOC) standard for cold cleaners. At the same time, two limited exemptions were added. These sections appear below, and they become effective on September 1, 1999.

- 8-16-303 Cold Cleaner Requirements:** Any person who operates a cold solvent cleaning device shall conform to the following requirements.
303.5 Effective September 1, 1999, the VOC content of the cleaning solution used in a cold cleaner shall not exceed 50 g/l (0.42 lb/gal). Cold cleaners meeting the requirements of this section are not required to comply with subsection 8-16-303.4.
- 8-16-121 Limited Exemption, Single Cold Cleaner:** Effective September 1, 1999, the VOC content limitation in Section 8-16-303.5 for cleaning solutions used in cold cleaners does not apply to one cold cleaner per facility, provided that annual solvent loss from that cold cleaner does not exceed 20 gallons per year.
- 8-16-122 Limited Exemption, Permitted Cold Cleaners:** Effective September 1, 1999, the VOC content limitation in Section 8-16-303.5 for cleaning solutions used in cold cleaners does not apply to any cold cleaner for which a District permit to operate has been obtained pursuant to Regulation 2, Rule 1.

In summary, these changes to Regulation 8, Rule 16 have the following impacts on existing sources, effective September 1, 1999:

- A facility may operate only one (1) exempt cold cleaner using solvent with a VOC content greater than 50 g/l, provided the solvent loss from that cleaner is not more than 20 gallons per year.
- Any additional cold cleaners must comply with the VOC standard in 8-16-303.5 (50 g/l VOC) in order to remain exempt.
- Any permitted cold cleaner is exempt from the VOC standard in 8-16-303.5, and therefore, may continue to use cleaning solvent with a VOC content greater than 50 g/l.

When is a Solvent Cold Cleaner Exempt from Permit Requirements?

- If a cold cleaner uses a solvent with a VOC content less than or equal to 50 g/l, it is exempt.
- At each facility (excluding semiconductor fabrication areas), one cold cleaner that uses a solvent with a VOC content greater than 50 g/l may be exempt, provided it meets all of the following criteria:
 - a. Volatile Organic Compounds used which have initial boiling points greater than 302°F and the initial boiling point exceeds the maximum operating temperature by at least 180°F.
 - b. The equipment or container has a capacity of less than 35.1 gallons of liquid; for remote reservoir cold cleaners, capacity is defined as the volume of the remote reservoir.
 - c. The equipment or container has a liquid surface area less than 7 ft²; or for remote reservoir cold cleaners, the sink or working area has a horizontal surface area less than 7 ft².
 - d. If solvent flow is used, only a continuous fluid stream is used (not a fine, atomized, or shower type spray).
 - e. Solvent loss (evaporation) from the cold cleaner does not exceed 20 gallons per year.
- All other solvent cold cleaners must be permitted.

Recommendation: The District strongly encourages you to **switch each of your cold cleaners to a cleaning solvent with a VOC content less than 50 grams per liter** (0.42 lb/gal). By doing so, you may have as many exempt cold cleaners as necessary for your operational needs. Otherwise, you must obtain a permit for each cold cleaner that is not exempt, as described above, before September 1, 1999. To obtain a permit, you may complete the *Solvent Cold Cleaner Loss of Exemption Permit Application Form*.